

Electrolytes used in replacement
therapy

Sodium Chloride

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MOP:

By evaporation of sea water

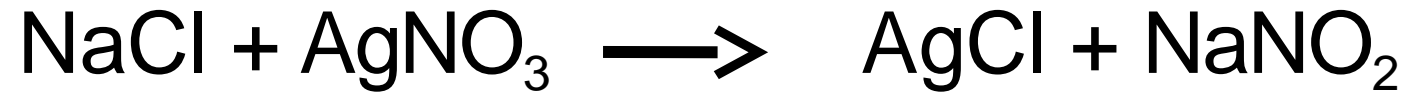


Physical Properties

- White crystalline powder
- Odorless
- Saline taste
- Soluble in water
- Insoluble in Ethanol
- Soluble in glycerin

Chemical reaction

1. When react with silver nitrate it gives silver chloride.



2. When react with potassium permagnate it evolve chlorine gas

Uses

- In treatment of Addison's disease
- Preparation of hypertonic solution
- Used in treatment of poisoning
- In dialysis fluid
- As a preservative
- Used in treatment sodium deficiency disorder
- Preparation of ringer solution

**“ It should be stored in well
closed container at a cool
Place.”**

Incompatibility

With silver, lead, mercury
salts.

Official preparation of sodium chloride

- Sodium chloride injection I.P
- Sodium chloride hypertonic injection I.P
- Compound Sodium chloride injection I.P
- Bacteriostatic Sodium chloride injection I.P
- Sodium chloride & Dextrose injection I.P
- Sodium chloride & Mannitol injection I.P
- Sodium chloride tablets I.P
- Compound Sodium chloride & dextrose oral powder I.P